

16/11



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/884,611	06/18/2001	Genaro Antonio Fernandez Orozco	10008275-1	3295

7590 04/21/2006

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER

SAFAIPOUR, HOUSHANG

ART UNIT	PAPER NUMBER
----------	--------------

2625

DATE MAILED: 04/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/884,611

Applicant(s)

OROZCO, GENARO ANTONIO  
FERNANDEZ

Examiner

Houshang Safaipoor

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 02 February 2006.  
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-11 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-11 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 6/19/01.

- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nomura Masaaki (JP 10-010644) and further in view of Gatto et al. (U.S. Patent No. 6,344,906).

Regarding claim 1, Nomura Masaaki discloses an overhead projector system comprising: a projector assembly (2) including a transparency stage (fig. 1 transparency 18); adjacent said stage, a scanner assembly (40) for digitizing content of a current transparency on said stage; and an output device (port 52). Masaaki is silent in regards to wired or wireless communication with an external devices. Gatto et al. introduces an universal scanner that could be integrated into different devices (col. 2, lines 40-42) and its controller is a circuit that integrates all of the control functions that are required to operate all types of scanners (col. 2, lines 26-31). Furthermore, Gatto discloses wireless communication between the scanner and the host computer (col. 3, lines 12-18). Therefore, it would have been obvious to a person of an ordinary skill in the art to use the universal scanner disclosed by Gatto in Masaaki's overhead projector to communicate (remotely) with the host computer and other devices such as a printer.

Regarding claim 2, Nomura Masaaki discloses the system as set forth in claim 1 further comprising: associated with said scanner, a hard copy apparatus internal to said projector assembly for providing a hard copy output of said current transparency (drawing 1, port 52).

Regarding claim 3, Nomura Masaaki discloses the system as set forth in claim 1 wherein the output device comprises: at least one digital data sending device (page 8, [0031]).

Regarding claim 4, Masaaki discloses an overhead slide projector, having a housing including a transparency stage; within said housing, subjacent said stage, a scanner for digitizing content from a current slide on said stage; and within said housing, connected to said scanner, output means for transmitting a copy of said content (please refer to the discussions under claim 1).

Regarding claim 5, Masaaki discloses the apparatus as set forth in claim 4 wherein the output means comprises: an electrical signal output port (please refer to the discussions under claim 3).

Regarding claim 6, Masaaki discloses the apparatus as set forth in claim 4 wherein the output means comprises: an infrared signal output port (Paragraph [0025]).

Regarding claim 7, Masaaki discloses the apparatus as set forth in claim 4 wherein the output means comprises: within said housing, a hard copy output device (Paragraph [0057]).

Regarding claim 8, Masaaki discloses the apparatus as set forth in claim 4 wherein the output means comprises: a digital data sending subsystem (paragraph [0031]).

Regarding claim 9, Masaaki discloses a method of producing a copy of a slide from an overhead projector, the method comprising: placing a slide of interest on a projection stage of the projector; scanning said stage having the slide of interest thereon for digitizing content thereof,

Art Unit: 2625

generating an output signal representative of the content (please refer to the discussions under claim 1).

Regarding claims 10 and 11, Masaaki discloses the method as set forth in claim 9 wherein generating an output comprises: printing a hard copy of said content, and outputting said hard copy from said projector (Paragraph [0032]).

**3. *Response to Arguments***

The only argument presented by the applicant for claims 1-11 is that the Masaaki reference does not disclose wireless interconnection between the scanning device and any external device (host computer). Examiner disagrees with this conclusion due to the fact that Masaaki is silent in regards to wired or wireless interconnection. However, this argument is moot in view of the new grounds of rejection stated above.


**4. *Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Houshang Safaipoor whose telephone number is (571)272-7412. The examiner can normally be reached on Mon.-Thurs. from 6:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Moore can be reached on (571)272-7437. The fax phone number for the organization where this application or proceeding is assigned is (571)273-8300.

Art Unit: 2625

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

 Houshang Safaipoor  
Patent Examiner  
Art Unit 2622  
April 15, 2006

